

Abstract

ELECTROMECHANICAL DISK BRAKE WITH SELF-BOOSTING

The invention relates to an electromechanical disk brake (10) having a self-boosting by means of a ramp mechanism (44, 46, 48, 40, 52, 54). To protect the disk brake (10) against becoming soiled, the invention proposed an encapsulation (30, 32, 64; 18, 20) of moving parts. The invention furthermore contemplates providing a friction brake lining (60) with a three-point support with three roller bodies (44, 46, 48) and thus bracing it in a statically defined way and providing a contact gear mechanism (78, 80) for actuating the disk brake (10), which is not vulnerable to positional tolerances and does not cause any axial forces. (Fig. 1)